

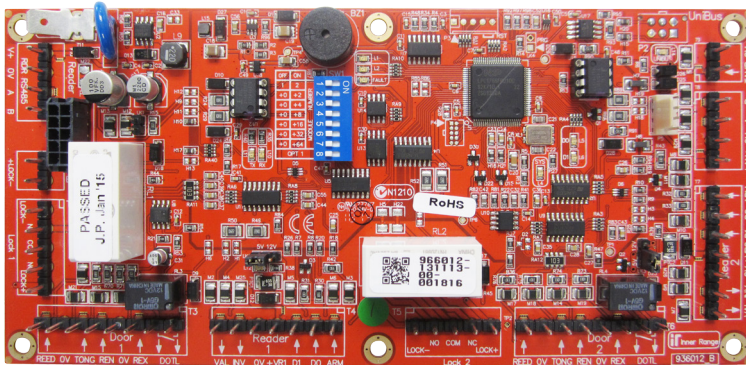
# Standard LAN Access Module (SLAM)

## Controls and monitors up to 2 doors on the Integriti RS-485 LAN

The Integriti Standard LAN Access Module (SLAM) can be used to control and monitor up to 2 doors on the Integriti RS-485 LAN, or via IP LAN if connected with CLOE modules (Code# 20500).

The module supports two doors and up to four Inner Range RS-485 SIFER readers to accommodate entry and exit readers on both doors. Alternatively, two Wiegand readers may be connected to allow control and monitoring of a single door with entry and exit readers or two doors with a single reader each.

The SLAM offers a complete suite of programmable options to provide advanced high security access control, security area control and door alarm monitoring functions. Cached functionality is also provided via the on board database to provide offline access control operation for up to 2,000 user cards if communications to the master controller are lost. Cache expiry time for the module can be configured with expiry times ranging from 1 hour to 4 months. In addition, each user has an option to be stored permanently within the modules cache, particularly useful for situations where senior staff may need guaranteed access if the module is offline.



The power supply requirements are 11 to 14VDC and a range of Integriti plug on external 2Amp, 3Amp or 8Amp switchmode power supplies are available. The status of Integriti 3 & 8Amp SMART power supplies are fully monitored via the Standard LAN Access Module.

Heavy duty relays are provided for lock switching, along with auxiliary outputs for "Valid", "Invalid" and "Door Open Too Long Warning" to control LEDs and/or buzzers.

Programming options allow for each Reader to be configured independently and security area control to be integrated with access control where required. Door Contacts and/or Tongue Sense inputs are utilized to provide "Door Forced" and "Door Open Too Long" alarms. Any spare zones may be used as general purpose zone inputs for use with PIR's, PE beams etc.

## Key Features

- Offline 2,000 user card cache
- RS-485 reader connectivity
- Entry and exit readers for both doors when using Inner Range SIFER readers
- Reader options to control Doors, Lifts, Areas and Terminal User Logon
- Supports 2 Wiegand card readers up to 88bits
- Wiegand reader outputs with individual self-resetting over current protection
- Dedicated lock power input
- External Integriti power supply connection
- Full monitoring of external Integriti SMART power supply
- Heavy duty lock relays
- Reader Valid & Invalid outputs
- Door reed & tongue sense inputs per door
- Door request to enter & exit inputs per door
- DOTL relay outputs per door
- Dedicated cabinet tamper input
- RS-485 LAN connectivity
- Over-The-Wire firmware upgradeable
- Small PCB size 200 x 95mm

## Uni-Bus In-Cabinet Expansion



UniBus is an innovative in-cabinet bus which allows the connection of Expansion devices, Communications devices and Door & Reader expansion devices on a common Plug & Play bus.

UniBus is built on the highly reliable CANBus technology and replaces the need for ribbon cables and specialised connectors. Up to six UniBus devices can be daisy chained to a UniBus host module.

## Uni-Bus Compatibility

		Host Modules			
		ISC	IAC	8 Zone Exp	ILAM
UniBus Modules	8 Zone Exp	2	0	3	0
	8 Relay Exp	4	4	4	2
	16 Floor Lift	6	6	6	6
	2 Door Exp	0	3	0	3
	2 Way UART	4	4	0	0

## Specifications

Physical	
PCB Size Code	Integriti“B”size
PCB Dimensions	200(L) x 94(W) x 45(D) (mm)
Weight	8.2 k.g. (Based on medium enclosure, mains transformer, 7AH battery and cover)
Installation Environment	0°C - 50°C @15% - 90% Relative humidity (non-condensing)
Electrical (For PCB Only)	
Power Supply Input	11V to 14VDC
Current Consumption	110mA standby. 175mA with lock relays on
<i>NOTE: Current consumption does not include the current required by readers or other external devices such as locks, buzzers, lamps or any device attached to the DOTL, Valid, Invalid and RS-485 Reader connections</i>	
Over Current Protection	Reader +V connections. Protected with self resetting PTC's
Contact Ratings	
Lock Relays	5 Amps @ 30VDC
DOTL Relays	1 Amp @ 30VDC (Door Open Too Long output)
Connections	
Lock 1 & 2:	Includes Lock+, Lock-, NO/COM/NC
Door 1 & 2:	Includes Reed, 2 x 0v, Tongue, REN, REX, DOTL contacts
Wiegand Reader 1 & 2:	Includes Valid, Invalid, 0V, Reader+, D1, D0, ARM
Lock Power:	Includes Lock+, Lock- connections from external PSU
Cabinet Tamper:	2 pin connection for cabinet tamper switch
RS-485 LAN:	1, Includes LAN+, LAN-, A, B. (LAN addressing set via DIP switches)
RS-485 Reader Port:	1, Allows up to 4 Inner Range SIFER readers to be connected via RS-485 multi-drop LAN
External Power Supply Monitoring (Compatible with Inner Range 3 & 8Amp SMART PSU's)	
AC Fail:	External PS AC Fail
Low Battery:	External PS Low Battery
LAN Fuse:	External PS LAN Fuse
Detector Fuse:	External PS Detector Fuse
Low Volts:	External PS Low Volts
PSU Fail:	External PS Fail
Compliance	
Electrical	
Environmental	

## Enclosure Options

Code#	Description
21141	Integriti - Standard LAN Access Module (SLAM) - Standard Cabinet - 2 Amp PSU
21142	Integriti - Standard LAN Access Module (SLAM) - Standard Cabinet - 3 Amp Smart PSU
21143	Integriti - Standard LAN Access Module (SLAM) - Large Cabinet - 2 Amp PSU
21144	Integriti - Standard LAN Access Module (SLAM) - Large Cabinet - 3 Amp Smart PSU
21148	Integriti - Standard LAN Access Module (SLAM) - Large Cabinet - 8 Amp Smart PSU
21145	Integriti - Standard LAN Access Module (SLAM) - Mega Cabinet - 2 Amp PSU
21146	Integriti - Standard LAN Access Module (SLAM) - Mega Cabinet - 3 Amp Smart PSU
21147	Integriti - Standard LAN Access Module (SLAM) - Mega Cabinet - 8 Amp Smart PSU

## Reader Options

Code#	Description
21030	Inner Range SIFER Smart Card Reader